	Application No.	Applicant(s)		
Notice of Allowability	09/842,899	RAHMAN ET AL.		
	Examiner	Art Unit		
	Shored Remourie	. 2617		
	Sharad Rampuria	2617		
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31:	(OR REMAINS) CLOSED i) or other appropriate comm RIGHTS. This application is	n this application. If not included unication will be mailed in due course		
1. This communication is responsive to <u>01/24/2008</u> .				
2. The allowed claim(s) is/are 1, 3, and 34-41 (renumbered a	as 1-10 respectively) .			
3. ☐ Acknowledgment is made of a claim for foreign priority u a) ☐ All b) ☐ Some* c) ☐ None of the:		or (f).		
1. Certified copies of the priority documents have		•		
2. Certified copies of the priority documents have	- ·	•	11	
3. Copies of the certified copies of the priority do	ocuments have been receive	d in this national stage application from	om the	
International Bureau (PCT Rule 17.2(a)).				
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requirem	entś	
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv			E OF	
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.			
(a) I including changes required by the Notice of Draftsper		w (PTO-948) attached	,	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date	<u>.</u>			
(b) including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment o	r in the Office action of		
Identifying indicia such as the application number (see 37 CFR teach sheet. Replacement sheet(s) should be labeled as such in			of	
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 	osit of BIOLOGICAL MAT FOR THE DEPOSIT OF BI	ERIAL must be submitted. Note th OLOGICAL MATERIAL.	ie	
Attachment(s)				
1. ☑ Notice of References Cited (PTO-892)	5. Notice of Ir	formal Patent Application	:	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview S	ummary (PTO-413),		
3. Information Disclosure Statements (PTO/SB/08),	Paper No. 7. ⊠ Examiner's	/Mail Date Amendment/Comment		
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛭 Examiner's	8. Examiner's Statement of Reasons for Allowance		
	9.			
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3DETAILED ACTION

Examiner's Amendment

I. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR
1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Scott Elchert and Jared Scholz (Reg. No. 55,149) on 2/14/08.

The application has been amended as follows:

Claims 2 and 42 are cancelled.

- 1. (Currently Amended) A system of billing in a user configurable wireless network, comprising:
- a base station controller to establish and maintain communication between a wireless unit and the wireless network;
- a home location register in operative communication with the base Station controller to support applications and services;
- a service data node module in direct operative communication with the base station controller and the home location register to coordinate the applications and services supported by the home location register, the service data node module storing at least one of user information, service

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information, and network information, wherein the service data module associates the user information and the service information with the network information, and the service node module allowing allows the user to implement service creation and service negotiation without service provider intervention, the service data node module including a database to store quality of services, a dynamic billing information processor in operative communication with the database, to determine actual use of a service on a call-by-call or session-by-session basis; and a radius accounting server in operative communication with the dynamic billing information processor to correlate the determined actual use from the dynamic billing information processor; and

a billing manager in operative communication with the service data node module, to bill the user based on the user implemented service creation and service negotiation.

34. (Currently Amended) A method of billing in a wireless network communications system, the method comprising:

establishing a service data node module in the wireless network, the service data node storing at least one of user information, service information, and network information in a database;

associating the user information and the service information with the network information; providing services into the service data node module;

determining actual use of a service on a call-by-call or session-by-session bases through a dynamic billing information processor in operative communication with the database; and correlating the determined actual use through a radius accounting service in operative communication with the dynamic billing information process;

allowing a user to select a service by accessing the service data node module without service provider intervention; and

billing the user based on the selected service.

Allowable Subject Matter

II. The following is an examiner's statement of reasons for allowance:

Claims 2, 4-33, and 42 are cancelled.

Claims 1, 3, and 34-41 (renumbered as 1-10 respectively) are patentable.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The closest prior art, Rahman; Mohamed Anisur et al. (US 7042851 B1) teaches A system and method employing a processing node having storage capabilities for facilitating service creation and negotiation in a wireless network, by associating user information and/or service information with network information. User information, service information, and network information are provided periodically and dynamically into the storage. Using the processing node, user information and/or service information are associated with network information without having to access various network elements located throughout the network,

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to facilitate service creation and negotiation, and thus minimize network processing and network resources. (Abstract)

The next prior art, Billings; Roger E. (US 4714989 A) teaches A functionally structured distributed data processing system includes a plurality of independently operating user station processors for servicing users, a data center for storing data to be processed by the user stations, and a communication network for coupling each user station to one or more data centers. The data center includes its own processor and mass storage devices for managing a data base of data for the user stations. Each user station executes application programs to which is linked a data base simulator which formulates requests or data operations to calls to the data base at the data center. Communications between the user stations and the data center are usually initiated only by the user stations. (Abstract)

The neighboring prior art, Rahman; Mohamed Anisur (US 6061556 A) teaches A method and system for charging secondary traffic in a radio telecommunications network. The system includes a mobile switching center (MSC) for delivering a call in the radio telecommunications network and a radio network control Ler (RNC) for controlling the radio telecommunications network. The MSC includes a charging unit for calculating a primary traffic charge, a secondary traffic charge, and a total charge for a call. Additionally, the RNC employs frame structure counters to assess the amount of secondary traffic carried in the call. The method begins by the frame structure counters assessing an amount of secondary traffic carried in a call in the radio telecommunications network. The charging unit then calculates a charge for the secondary traffic carried by the call. (Abstract)

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The adjoining prior art, McGregor; Donald Scott et al. (US 5577100 A) teaches A mobile phone system with a mobile phone having internal accounting capabilities for real time call debiting to account for the billing parameters of a mobile phone unit that is operated in a multi zone communication network with a complex rate structure, the mobile phone unit having an internal processor with accessible internal memory for storing the accounting program and call data for each call, a clock and circuit means for activating and deactivating the phone, the accounting program including an updatable rate table and a complex billing algorithm for calculating the account status on the fly including multiple rate structure factors such as long distance calls, international calls with country independent local charges, charges for roaming per day and/or roaming per minute, and call surcharges, where the account status of the mobile phone is calculated in real time for decrementing a debit account or calculating an account charge on demand, the mobile debit phone having a signal for alerting the user of account status which is preferably a display of real time account status, the mobile phone system including a communication system for activating and programming a new phone unit over the airways and upgrading the account status in rate table in the phone unit over the airways. (Abstract)

However, all the above combination fails to anticipate or render the above limitations in combination with all the recited limitations of the disclosed independent claims obvious (viewed as a whole), over any of the prior art of record, alone or in combination.

Consequently, the disclosed independent claims are allowed on behalf of above-discussed reasons, and also preserved via Applicants arguments and remarks filed on 01/24/2008 and 2/14/08 as well. Since the disclosed dependent claims are dependent on one of the above independent claims, therefore they are also patentable.

Conclusion

III. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharad Rampuria whose telephone number is (571) 272-7870. The examiner can normally be reached on M-F. (8:30-5 EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000 or EBC@uspto.gov.

/Sharad Rampuria/ Primary Examiner Art Unit 2617